U.S. EPA
Water Quality TMDLs

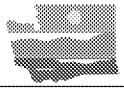
Unit supervisors start here

Current TMDLs

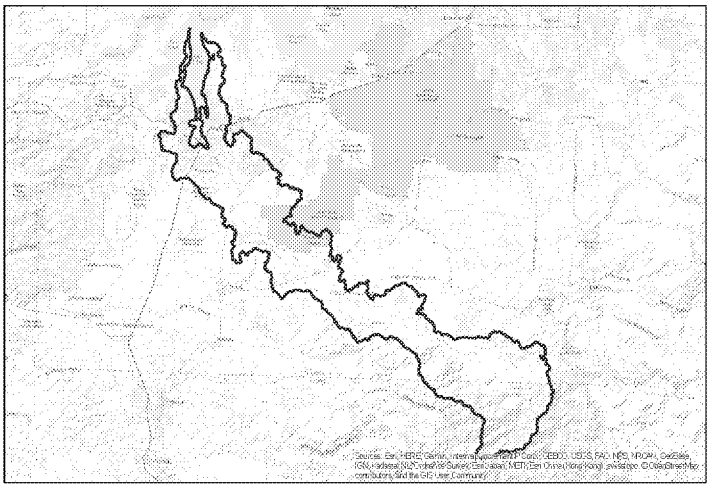
TMDLs being developed by EPA Region 10:

Deschutes River

Columbia & Snake River



Deschutes River Multiparameter TMDL



Some regions put bullet points here emphasizing the status, work being done on the TMDL, and expected completion year

EPA's Action: Deschutes TMDL

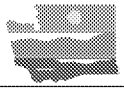
- Action date: June 29, 2018

Approval:

- Temperature
  - Deschutes River, Black Lake Ditch, and Percival Creek

Disapproval:

- Sediment
  - Deschutes River
- Bacteria
  - Adams, Ellis, Indian, Mission, Moxlie, Reichel, Schneider, and Spurgeon Creeks
- Temperature
  - Ayer (Elwanger), Huckleberry, and Reichel Creeks; Tempo Lake Outlet; and Unnamed Spring to Deschutes River
- DO loads
  - Ayer (Elwanger), Lake Lawrence, and Reichel Creeks; Deschutes River; Black Lake Ditch; and Percival Creek
- pH loads
  - Adams and Ayer (Elwanger) Creeks; Black Lake Ditch



In sum, we ended up approving the majority of loadings for temperature. We disapproved the remaining loadings submitted for sediment, bacteria, some temperature, DO, and pH.

The bacteria disapprovals won't require any new calculations from EPA – we need to allow for public review and comment on calculations submitted by Ecology which weren't part of the the original public notice.

What does partial approval/disapproval mean? The TMDL covers multiple waterbodies and multiple pollutants – EPA took a partial action meaning that we found some of the assigned loadings met requirements, while others did not.

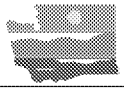
EPA is required to establish replacements for any disapproved portions of the TMDL.

EPA's replacement TMDL will include all of the items under the disapproval column.

We will use the existing Ecology-developed model as the starting point for the work on temperature, DO, and pH.

Next Steps: Deschutes TMDL

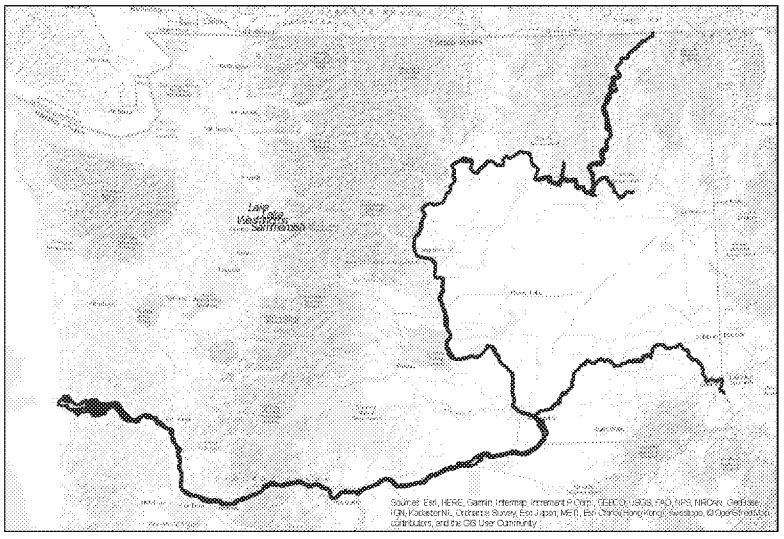
- EPA will develop replacement TMDLs for the disapproved segments
- EPA has secured assistance from a contractor to do the technical work
- We are currently in the scoping phase - the contractor is reviewing the documents and existing model
- Our next step will be to put together a technical approach and draft timeline



We plan to continue working closely with Ecology in this process, finding areas of overlap with their work on the Budd Inlet TMDL

We anticipate having a firmed up timeline in the next month or two

Columbia River Temperature TMDL



Use this map if it represents the same boundary as the Columbia River Temp TMDL

Feedback/Questions?